

SpaceLogic™ RP-C-EXT-IS-BLE

Insight-Sensor

Safety Information

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material. Carefully read these instructions and all information relevant for this product before trying to install it. See the list of technical literature.

Technical Literature

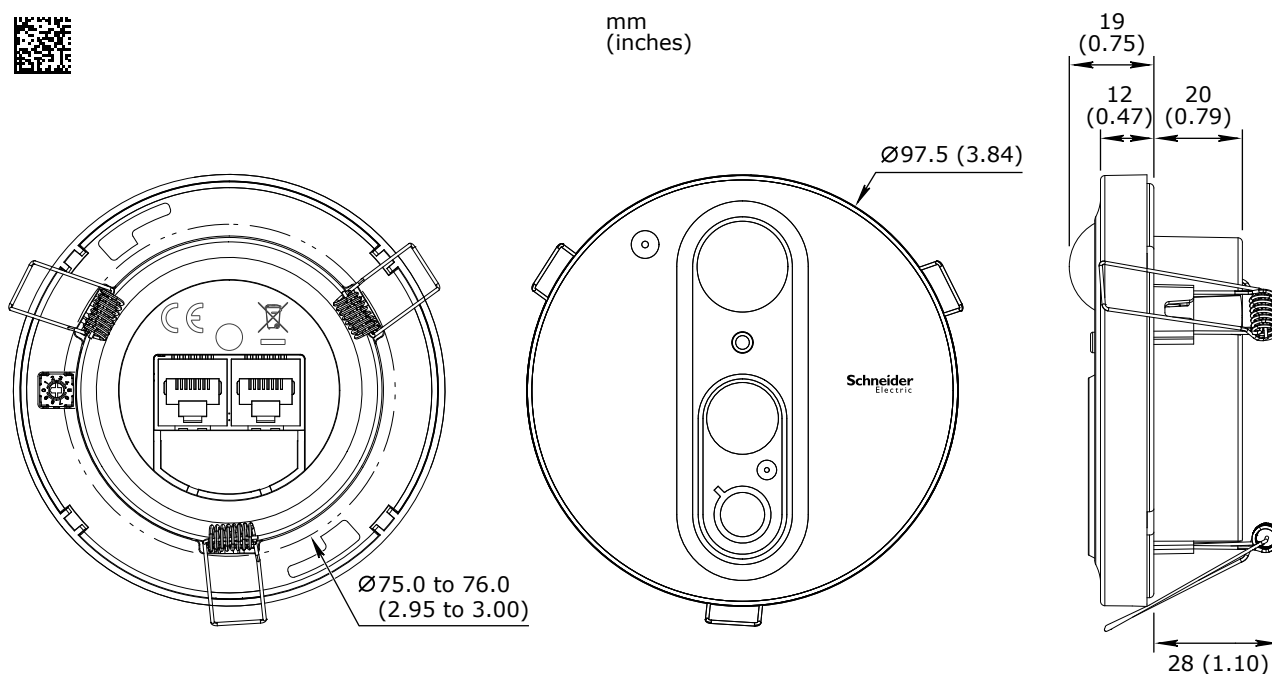
- SpaceLogic and EasyLogic - Hardware Reference Guide, 04-XX001-XX-en

The technical literature and declarations of conformity can be accessed on the Schneider Electric extranet, ecoxpert.se.com. Contact your local Schneider Electric sales office for a hard copy of the documentation or for additional information.

Dimensions



mm
(inches)



Installation Orientation Restrictions

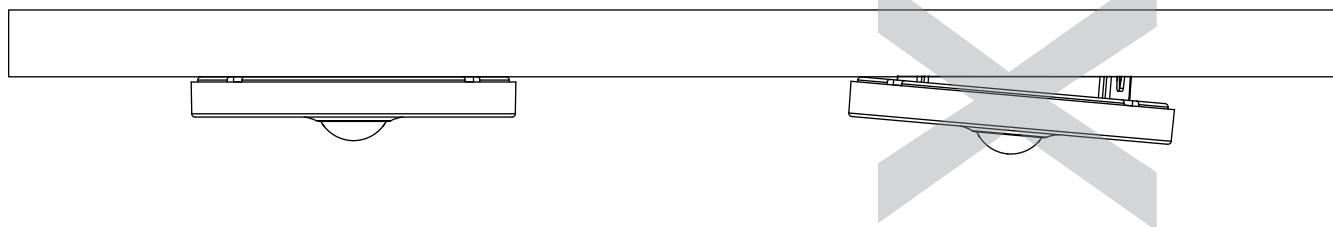
The RP-C-EXT-IS-BLE SpaceLogic™ Insight-Sensor is designed to be installed horizontally in a ceiling. The device can also be installed on a junction box when there is no ceiling and space is opened to plenum.

NOTICE

REDUCED DEVICE PERFORMANCE

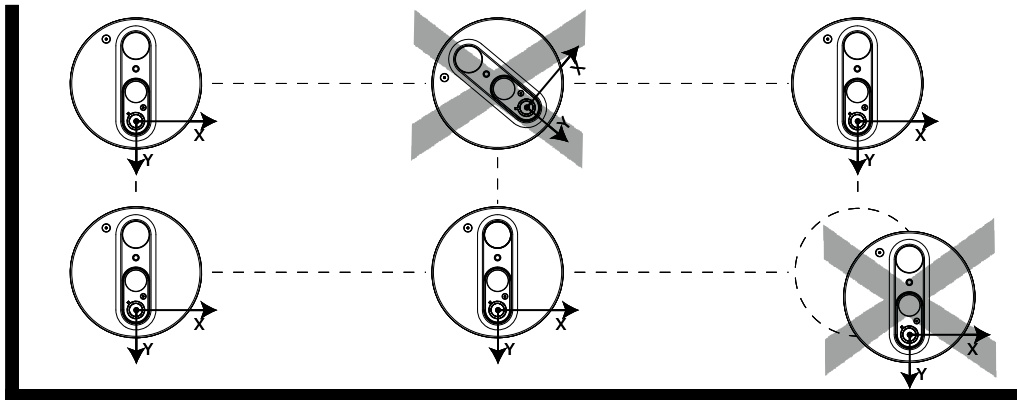
- Before installation, do not expose the thermal image sensor on the device to direct sunlight outdoors for more than a few seconds.
- Do not install the device higher or lower than the mounting height range supported by the EcoStruxure Building Operation software. Version 6.0.1 and later: 2.3 to 3.3 m (7.5 to 10.8 ft) from the floor. Earlier versions: 2.5 to 3.0 m (8.2 to 10 ft) from the floor.
- Do not install the device close to an exterior window. For more information, see the SpaceLogic Hardware Reference Guide.
- Always install the device with the passive infrared (PIR) sensor and thermal image sensor facing down.
- Ensure that the device is not tilted.
- When replacing a device, install the new device in the same position and direction as the replaced device.
- Keep all sensors on the device clean of dust, fingerprints, paint, and other contaminants.

Failure to follow these instructions can result in reduced device performance.



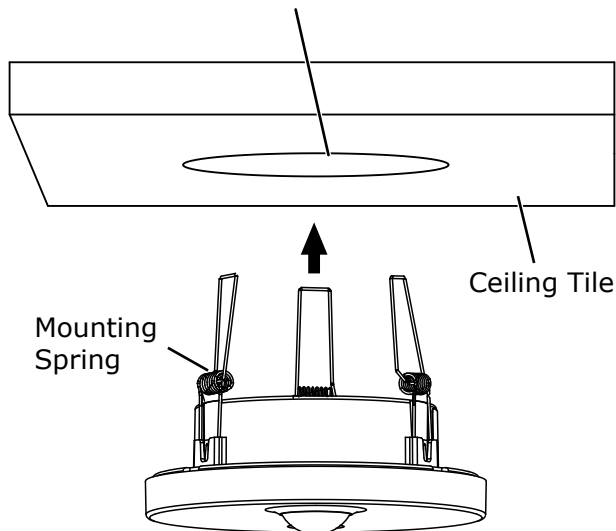
Installation Orientation Restrictions, continued

NOTE: To facilitate the configuration of people counting masks, install all devices in line, oriented in the same direction, and with the thermal image sensors at a right angle to or parallel to the walls of the room, as shown in the following image where the X and Y axes of thermal image sensors are indicated. For more information, see the EcoStruxure Building Operation - Technical Reference Guide.

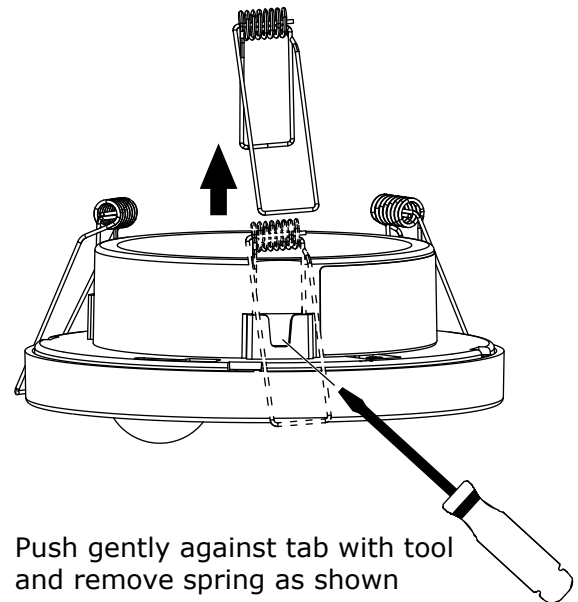


Installing the Device on a Dropped Ceiling Using the Mounting Springs (Preferred Method)

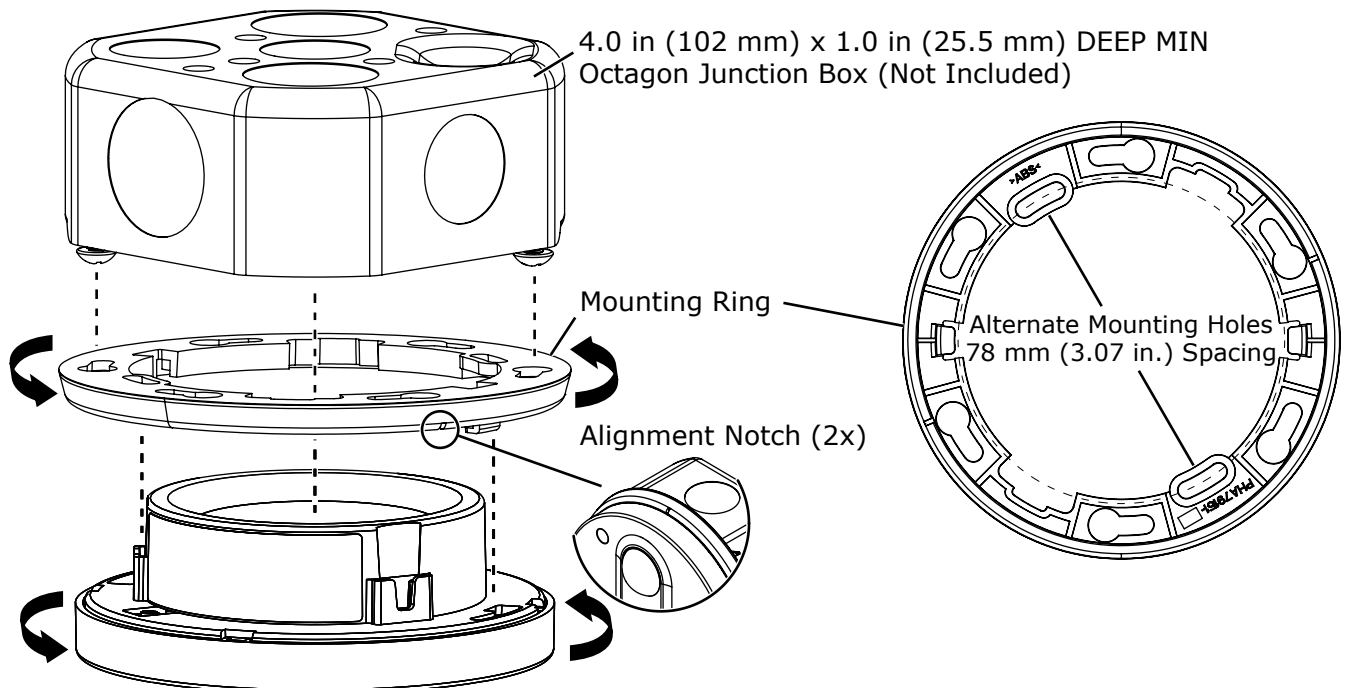
Ø75 to 76 mm (2.95 to 3.00 inches)
Clearance Hole / Hole Saw



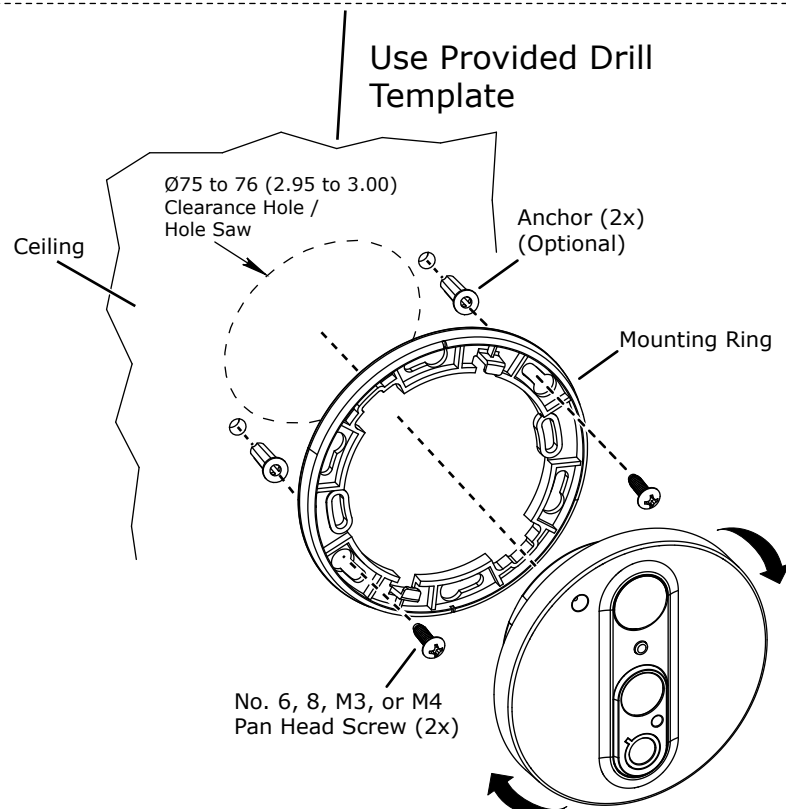
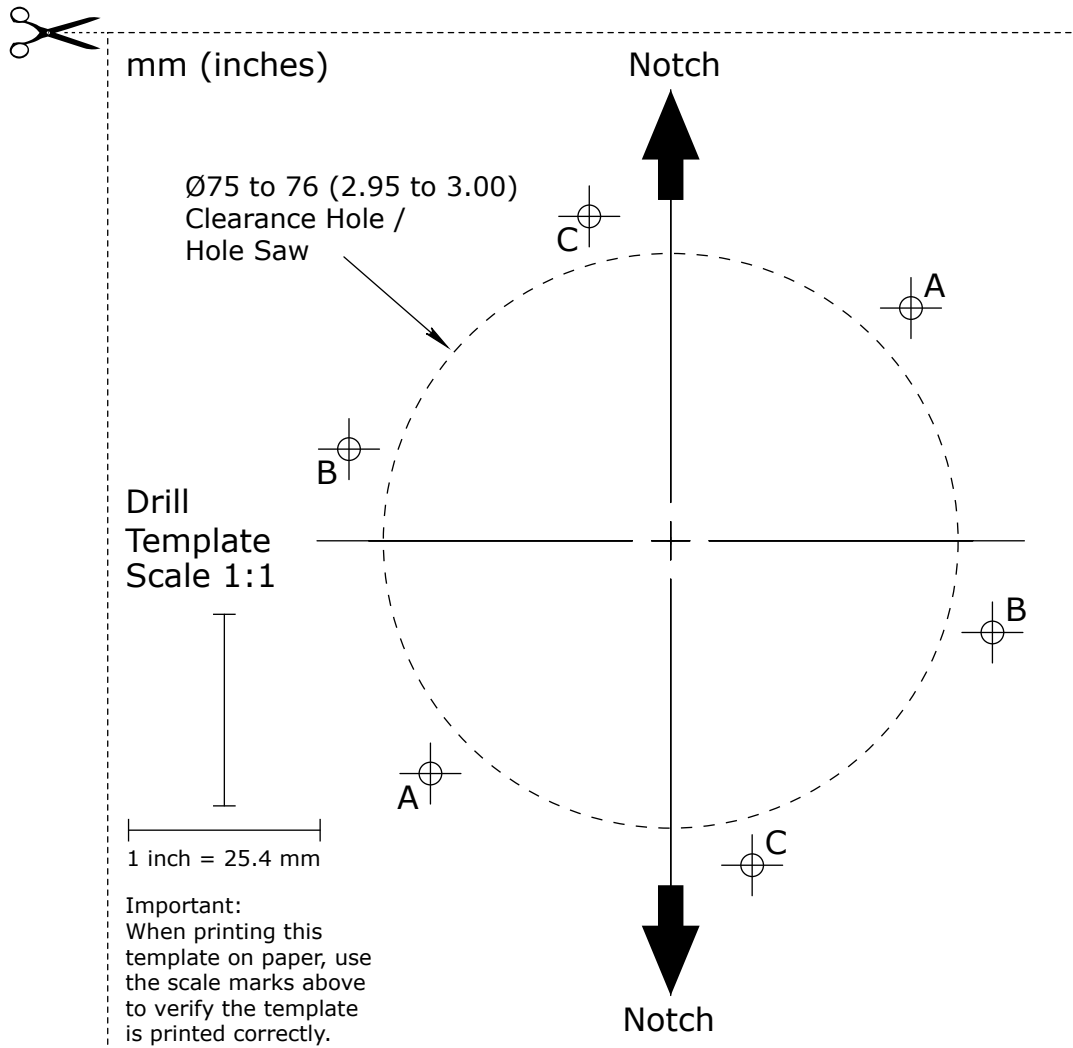
Removing the Mounting Springs Before Using the Mounting Ring (Alternate Method)



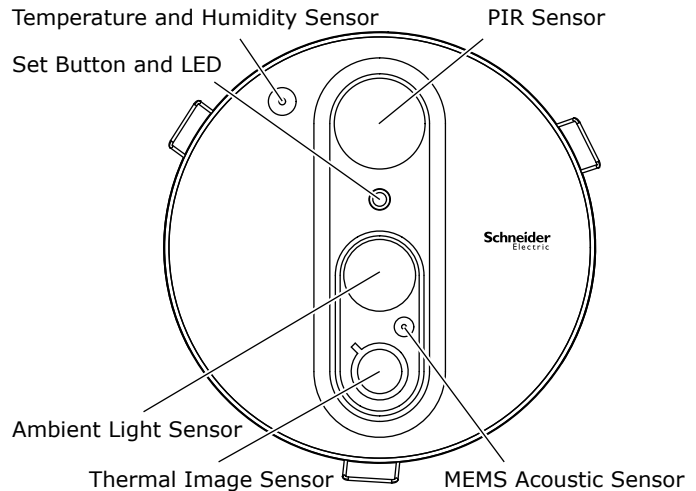
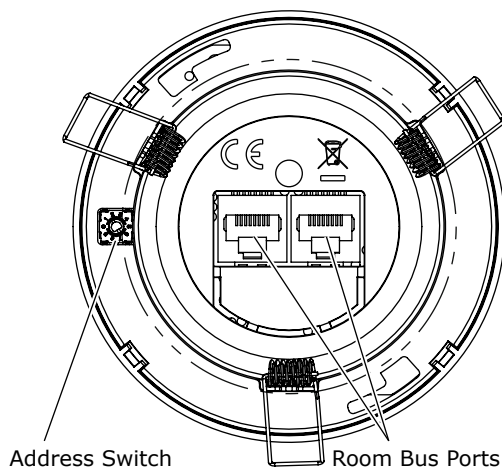
Installing the Device on an Octagon Junction Box Using the Mounting Ring



Installing the Device on a Ceiling Using the Mounting Ring



Connections, Switches, Buttons, and Sensors



Wiring

For information on wiring, see the SpaceLogic and EasyLogic - Hardware Reference Guide.

Part Numbers

Product	Part number
RP-C-EXT-IS-BLE	SXWREISBLE10001
Includes Insight-Sensor, mounting springs (3x), and mounting ring	

Product

Part number

RP-C-EXT-MR-K5 SXWREMR5XX10001

SpaceLogic Sensor Mounting Ring Kit 5 pcs

Specifications

DC input Nominal voltage 24 VDC, powered by the RP controller through the room bus (RJ45) Maximum power consumption 0.35 W Port types Room bus RS-485, dual RJ45 ports for daisy-chain configurations	Wireless connectivity Bluetooth® Low Energy (Bluetooth® 5) 2.402 to 2.480 GHz, max. 3 dBm output power, 50 m (164 ft) line-of-sight range Antenna Integrated antenna Operation environment Ambient temperature, operating 0 to 50 °C (32 to 122 °F) Humidity 20 to 90 % RH non-condensing	Mechanical Ingress protection rating IP 20 Plastic flame rating UL94 V-0 Plenum rating UL 2043 (Approved for plenum installations)
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Addendum - California Proposition 65 Warning Statement for California Residents

⚠ WARNING: This product can expose you to chemicals including lead which is known to the State of California to cause cancer and which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

部件名称 (Part Name)	有害物质 (Hazardous Substances)					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
塑料部件 (Plastic Parts)	○	○	○	○	○	○
电子件 (Electronics)	X	○	○	○	○	○

本表格依据 SJ/T11364 的规定编制。(This table is made according to SJ/T 11364.)

○: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
 (Indicates that the concentration of hazardous substance in all of the homogeneous materials for this part is below the limit as stipulated in GB/T 26572.)

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。
 (Indicates that the concentration of hazardous substance in at least one of the homogeneous materials used for this part is above the limit as stipulated in GB/T 26572.)

Regulatory Notices

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna; increase the separation between the equipment and receiver; connect the equipment into an outlet on a circuit different from that to which the receiver is connected; consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) L'appareil ne doit pas produire de brouillage; (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.